

PATENT ABSTRACTS OF JAPAN

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(54) PHOTOCATALYTIC FUNCTIONAL BODY AND MULTIFUNCTIONAL MATERIAL
USING THE SAME

(57)Abstract:

PURPOSE: To obtain a functional body capable of properly utilizing the photocatalytic action of a photocatalytic material and usable as a structural material, etc., and to also obtain a multifunctional material by sticking the photocatalytic material such as titania to a substrate of a metallic conductor.

CONSTITUTION: A photocatalytic material having photocatalytic action such as titania, CdS or CdSe is stuck to a substrate of a metallic conductor such as stainless steel, copper or iron by thermal spraying, coating or other method. A photocatalytic functional body capable of properly utilizing the photocatalytic action of the photocatalytic material such as titania and usable as a structural material, etc., is obtd. and a multifunctional material is obtd. by using the photocatalytic functional body.

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